

## **Yuelin Li**

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### **Summary**

- Extensive experience in experimental laser physics, laser-matter interaction physics, and short wavelength, coherent light source research and development
- More than 100 publications including more than 70 peer-reviewed journal papers

### **Professional Experiences**

#### **Accelerator Systems Division, Advanced Photon Source (APS)**

##### **Argonne National Laboratory (ANL), Argonne, Illinois**

Physicist

04/2002-present

Assistant physicist

01/2000-04/2002

#### **Research Project**

- Ultrafast short wavelength light source research and development
- Experimental physics of free-electron lasers
- R&D on photoinjector drive laser
- Laser-beam interaction physics

#### **Institute for Laser Science and Application, Lawrence Livermore National Laboratory (LLNL), Livermore, California**

Postdoctoral Scientist

12/1997-11/1999

#### **Research Project**

- Intense, table-top coherent light source research and development
- High intensity, ultrashort pulse laser-matter interactions

#### **Institute for Physical Science and Technology, University of Maryland, College Park, Maryland**

Postdoctoral Research Associate

12/1996-11/1997

#### **Research Project**

- Laser particle acceleration and compact x-ray light sources

#### **Institut für Optik und Quantenelektronik, Friedrich-Schiller Universität, Jena, Germany**

Visiting Scientist

07/1996-11/1996

#### **Research Project**

- Research and development of table-top coherent X-ray sources

#### **Max-Planck Institut für Quantenoptik, Garching, Germany**

Alexander von Humboldt and Max-Planck Society Fellow

06/1993-02/1996    **Research Project**  
• Experiments on physics of laser-matter interactions and X-ray lasers

**Central Laser Facility, Rutherford-Appleton Laboratory, Didcot, Oxon, England**

Royal Society Fellow

02/1993-05/1993    **Research Project**  
• Short laser pulse pumped recombination X-ray lasers

**Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, Shanghai, China** Assistant Research Professor

03/1991-11/1996    **Research Projects**  
• Physics of laser-matter interactions and X-ray lasers

**Education**

09/1986-03/1991    **Shanghai Institute of Optics and Fine Mechanics, Chinese Academy of Sciences, Shanghai, China**  
Doctorate in Optical Physics  
Thesis: Investigation of soft X-ray emission from laser plasmas  
09/1982-06/1986    **Peking University, Beijing, China**  
Bachelor of Science  
Major: Nuclear Physics

**Honors**

03/1995-02/1996    **Max-Planck Society Fellowship**, Germany  
06/1993-02/1995    **Alexander von Humboldt Fellowship**, Germany  
02/1993-05/1993    **Royal Society Fellowship**, England  
05/1992    **Distinguished Young Scientist**, Shanghai Branch of Chinese Academy of Sciences, China  
12/1991    **Special Prize of President Prize for Graduate Students**, Chinese Academy of Sciences, China  
10/1990    **First Grade Prize at the Graduate Student's Achievement and Publication Exchange Conference in the Optical Section**, Chinese Academy of Sciences, China

**Professional Associations and Activities**

1999-2000    Member of The American Physical Society  
1999-2000    Member of National Science Teachers Association